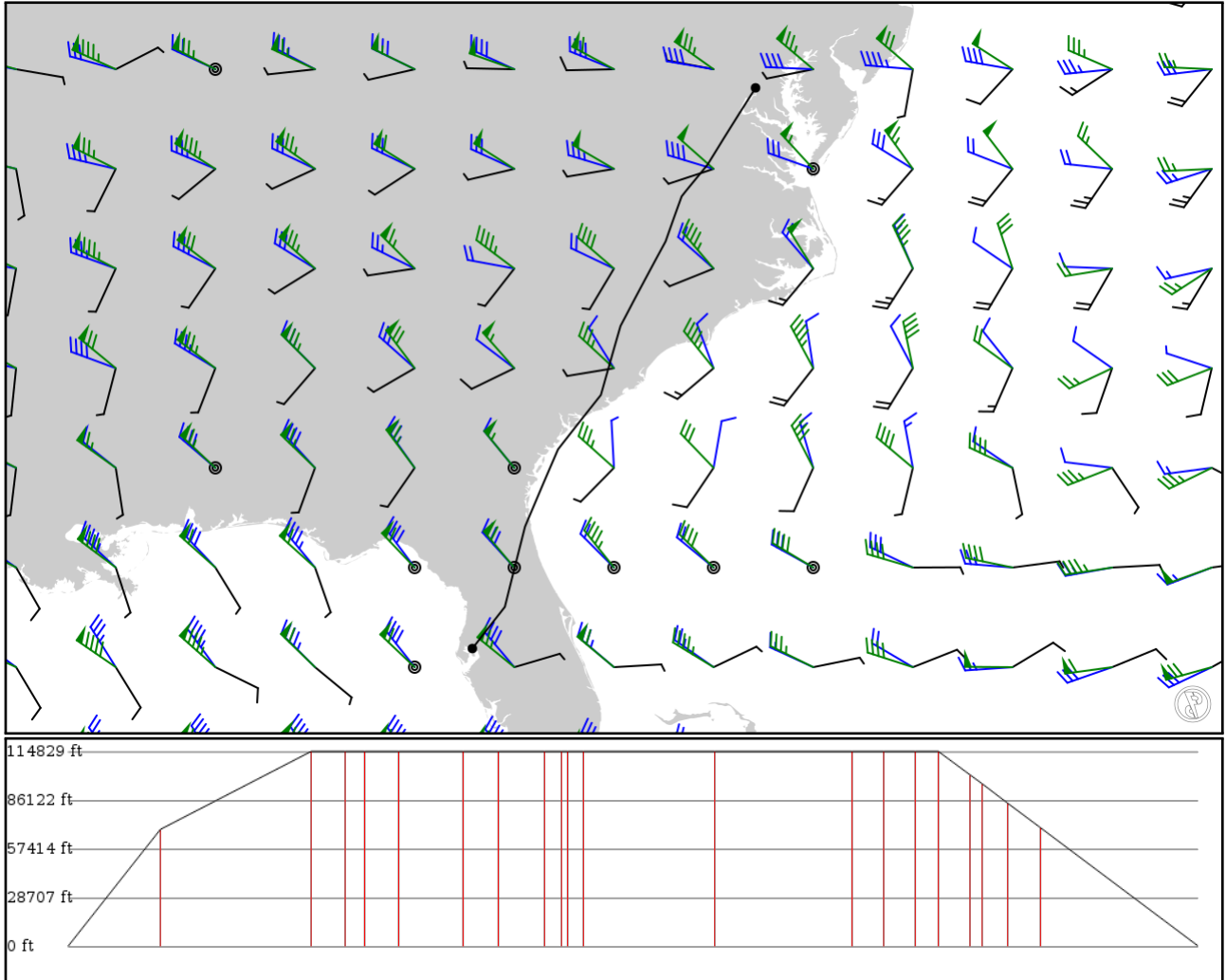


2024/05/01 0711Z

KTPA LOULO **J55** CRG **V1** CHS **J55** FLO **J207** RDU **V3** CARML KDCA

715.10 nm / 1324.37 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes



## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KTPA	-	27.97489	0 ft	-	TAMPA INTL
APT	-	-82.53190	0 m		
LOULO	-	28.78368	21,000 ft	58	-
FIX	-	-81.90077	6,401 m		
CRG	J55	30.33889	35,000 ft	95	CRAIG VORTAC
VOR	AWY-HI	-81.50992	10,668 m		
LLIPS	V1	30.66694	35,000 ft	20	-
FIX	AWY-LO	-81.37174	10,668 m		
OCNOP	V1	30.86222	35,000 ft	12	-
FIX	AWY-LO	-81.28906	10,668 m		
STARY	V1	31.20131	35,000 ft	21	-
FIX	AWY-LO	-81.14458	10,668 m		
TYBEE	V1	31.83806	35,000 ft	40	-
FIX	AWY-LO	-80.87022	10,668 m		
RUBYS	V1	32.14531	35,000 ft	22	-
FIX	AWY-LO	-80.63053	10,668 m		
BASSO	V1	32.54887	35,000 ft	29	-
FIX	AWY-LO	-80.31269	10,668 m		
ROOFS	V1	32.70459	35,000 ft	11	-
FIX	AWY-LO	-80.18909	10,668 m		
COTAK	V1	32.75583	35,000 ft	3	-
FIX	AWY-LO	-80.14833	10,668 m		
CHS	V1	32.89431	35,000 ft	10	CHARLESTON VORTAC
VOR	AWY-LO	-80.03781	10,668 m		
FLO	J55	34.23297	35,000 ft	82	FLORENCE VORTAC
VOR	AWY-HI	-79.65717	10,668 m		
STUKK	J207	35.56724	35,000 ft	87	-
FIX	AWY-HI	-78.94899	10,668 m		
RDU	J207	35.87253	35,000 ft	20	RALEIGH/DURHAM VORTAC
VOR	AWY-HI	-78.78333	10,668 m		
STEMM	V3	36.18344	35,000 ft	19	-
FIX	AWY-LO	-78.67333	10,668 m		
OXFRD	V3	36.42028	35,000 ft	14	-
FIX	AWY-LO	-78.58897	10,668 m		
HARVY	V3	36.74617	30,800 ft	20	-
FIX	AWY-LO	-78.47194	9,388 m		
DOCMO	V3	36.85043	29,200 ft	7	-
FIX	AWY-LO	-78.38919	8,900 m		
NUTTS	V3	37.07617	25,700 ft	16	-
FIX	AWY-LO	-78.20381	7,833 m		
CARML	V3	37.36182	21,300 ft	20	-
FIX	AWY-LO	-77.96900	6,492 m		
KDCA	-	38.85205	0 ft	99	Washington National
APT	-	-77.03770	0 m		

## KTPA

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 3

Elevation: 26 ft / 8 m  
Location: 27.974900 -82.531900  
Magnetic Var: 6.193 W

## METAR

KTPA 010653Z 00000KT 10SM CLR 23/20 A2995 RMK A02 SLP141 T02280200

## TAF

TAF KTPA 010520Z 0106/0212 VRB03KT P6SM FEW250 FM011500 25007KT P6SM SCT035 FM012000 31011KT P6SM FEW060 FM020200

## Frequencies

REC - 126.45 MHz - D-ATIS  
COM - 122.95 MHz - UNICOM  
GND - 121.70 MHz - TAMPA GROUND  
TWR - 119.50 MHz - TAMPA TOWER  
APP - 118.15 MHz - TAMPA APPROACH  
APP - 119.65 MHz - TAMPA APPROACH  
APP - 118.80 MHz - TAMPA APPROACH

REC - 128.47 MHz - D-ATIS  
CLD - 133.60 MHz - CLEARANCE DELIVERY  
GND - 121.35 MHz - TAMPA GROUND  
TWR - 119.05 MHz - TAMPA TOWER  
DEP - 118.15 MHz - TAMPA DEPARTURE  
DEP - 119.65 MHz - TAMPA DEPARTURE  
DEP - 118.80 MHz - TAMPA DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01L	151 ft	11,011 ft	1.72	CONCRETE	0 ft	417 ft
	46 m	3,356 m	7.91		0 m	127 m
19R	151 ft	11,011 ft	181.72	CONCRETE	0 ft	417 ft
	46 m	3,356 m	187.91		0 m	127 m
01R	151 ft	8,308 ft	1.72	CONCRETE	0 ft	410 ft
	46 m	2,532 m	7.91		0 m	125 m
19L	151 ft	8,308 ft	181.72	CONCRETE	0 ft	410 ft
	46 m	2,532 m	187.91		0 m	125 m
10	151 ft	7,005 ft	91.74	ASPHALT	505 ft	187 ft
	46 m	2,135 m	97.93		154 m	57 m
28	151 ft	7,005 ft	271.75	ASPHALT	0 ft	141 ft
	46 m	2,135 m	277.94		0 m	43 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19R	DME	IJRT	108.50 MHz	18 nm	-	-	12 ft
				33 km	-		12 m
01L	LOC-ILS	IAMP	108.90 MHz	18 nm	1.72	-	22 ft
				33 km	7.91		22 m
19L	LOC-ILS	ITPA	110.30 MHz	18 nm	181.72	-	26 ft
				33 km	187.91		26 m
19R	LOC-ILS	IJRT	108.50 MHz	18 nm	181.72	-	26 ft
				33 km	187.91		26 m
01R	LOC-LOC	ITWJ	111.95 MHz	18 nm	1.72	-	26 ft
				33 km	7.91		26 m
01L	GS	IAMP	108.90 MHz	10 nm	1.72	3.00	26 ft
				19 km	7.91		26 m
19L	GS	ITPA	110.30 MHz	10 nm	181.72	3.00	26 ft
				19 km	187.91		26 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19R	GS	IJRT	108.50 MHz	10 nm	181.72	3.00	26 ft
				19 km	187.91		26 m

## KDCA

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 3

Elevation: 15 ft / 5 m  
Location: 38.851400 -77.037700  
Magnetic Var: 10.879 W

## METAR

KDCA 010652Z 35004KT 10SM BKN100 BKN250 19/17 A2988 RMK A02 SLP116 T01890167

## TAF

KDCA 010521Z 0106/0212 VRB03KT P6SM BKN110 FM011300 34008KT P6SM SKC FM012300 00000KT P6SM SKC

## Frequencies

REC - 132.65 MHz - ATIS	COM - 122.95 MHz - UNICOM
CLD - 128.25 MHz - CLEARANCE DELIVERY	GND - 121.70 MHz - WASHINGTON GROUND
TWR - 119.10 MHz - WASHINGTON TOWER	TWR - 134.35 MHz - WASHINGTON TOWER
APP - 119.85 MHz - POTOMAC APPROACH	APP - 124.20 MHz - POTOMAC APPROACH
APP - 124.70 MHz - POTOMAC APPROACH	DEP - 118.95 MHz - POTOMAC DEPARTURE
DEP - 125.65 MHz - POTOMAC DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01	151 ft	7,183 ft	355.53	ASPHALT	0 ft	200 ft
	46 m	2,190 m	6.41		0 m	61 m
19	151 ft	7,183 ft	175.53	ASPHALT	0 ft	197 ft
	46 m	2,190 m	186.41		0 m	60 m
15	151 ft	5,205 ft	142.76	ASPHALT	0 ft	413 ft
	46 m	1,587 m	153.64		0 m	126 m
33	151 ft	5,205 ft	322.77	ASPHALT	0 ft	180 ft
	46 m	1,587 m	333.65		0 m	55 m
04	151 ft	5,009 ft	25.45	ASPHALT	203 ft	0 ft
	46 m	1,527 m	36.33		62 m	0 m
22	151 ft	5,009 ft	205.46	ASPHALT	0 ft	381 ft
	46 m	1,527 m	216.34		0 m	116 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	DME	IDCA	109.90 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
19	DME	IVWH	108.50 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
01	LOC-ILS	IDCA	109.90 MHz	18 nm	355.51	-	15 ft
				33 km	6.39		15 m
01	GS	IDCA	109.90 MHz	10 nm	355.51	3.00	15 ft
				19 km	6.39		15 m